

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/813,646

Source: IFWO

Date Processed by STIC: 09-28-2005

# ***ENTERED***



IFWO

RAW SEQUENCE LISTING                      DATE: 09/28/2005  
 PATENT APPLICATION: US/10/813,646              TIME: 07:50:58

Input Set : N:\Crf3\RULE60\10813646.raw.txt  
 Output Set: N:\CRF4\09282005\J813646.raw

## SEQUENCE LISTING

3 (1) GENERAL INFORMATION:  
 5        (i) APPLICANT: Chuntharapai, Anon  
 6                      Kim, Kyung Jin  
 7                      Love, Richard B.  
 8                      Lu, Ji  
 9                      Stewart, Timothy A.  
 11        (ii) TITLE OF INVENTION: Type I Interferon Receptor Antibodies  
 13        (iii) NUMBER OF SEQUENCES: 22  
 15        (iv) CORRESPONDENCE ADDRESS:  
 16                (A) ADDRESSEE: Genentech, Inc.  
 17                (B) STREET: 1 DNA Way  
 18                (C) CITY: South San Francisco  
 19                (D) STATE: California  
 20                (E) COUNTRY: USA  
 21                (F) ZIP: 94080  
 23        (v) COMPUTER READABLE FORM:  
 24                (A) MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
 25                (B) COMPUTER: IBM PC compatible  
 26                (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
 27                (D) SOFTWARE: WinPatin (Genentech)  
 29        (vi) CURRENT APPLICATION DATA:  
 C--> 30                (A) APPLICATION NUMBER: US/10/813,646  
 C--> 31                (B) FILING DATE: 29-Mar-2004  
 32                (C) CLASSIFICATION:  
 34        (vii) PRIOR APPLICATION DATA:  
 W--> 35                (A) APPLICATION NUMBER: US/09/056,461  
 36                (B) FILING DATE: 07-Apr-1998  
 W--> 37                (A) APPLICATION NUMBER: 60/058212  
 38                (B) FILING DATE: 16  
 40        (viii) ATTORNEY/AGENT INFORMATION:  
 41                (A) NAME: Love, Richard B.  
 42                (B) REGISTRATION NUMBER: 34,659  
 43                (C) REFERENCE/DOCKET NUMBER: P1039P1  
 45        (ix) TELECOMMUNICATION INFORMATION:  
 46                (A) TELEPHONE: 650/225-5530  
 47                (B) TELEFAX: 650/952-9881  
 48 (2) INFORMATION FOR SEQ ID NO: 1:  
 50        (i) SEQUENCE CHARACTERISTICS:  
 51                (A) LENGTH: 7 amino acids  
 52                (B) TYPE: Amino Acid  
 53                (D) TOPOLOGY: Linear  
 55        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

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57 Arg Trp Asn Arg Ser Asp Glu
58   1           5           7
60 (2) INFORMATION FOR SEQ ID NO: 2:
62   (i) SEQUENCE CHARACTERISTICS:
63       (A) LENGTH: 7 amino acids
64       (B) TYPE: Amino Acid
65       (D) TOPOLOGY: Linear
67   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
69 Ala Trp Asn Ala Ser Ala Ala
70   1           5           7
72 (2) INFORMATION FOR SEQ ID NO: 3:
74   (i) SEQUENCE CHARACTERISTICS:
75       (A) LENGTH: 6 amino acids
76       (B) TYPE: Amino Acid
77       (D) TOPOLOGY: Linear
79   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
81 Glu Glu Ile Lys Leu Arg
82   1           5           6
84 (2) INFORMATION FOR SEQ ID NO: 4:
86   (i) SEQUENCE CHARACTERISTICS:
87       (A) LENGTH: 6 amino acids
88       (B) TYPE: Amino Acid
89       (D) TOPOLOGY: Linear
91   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
93 Ala Ala Ile Ala Leu Ala
94   1           5           6
96 (2) INFORMATION FOR SEQ ID NO: 5:
98   (i) SEQUENCE CHARACTERISTICS:
99       (A) LENGTH: 5 amino acids
100      (B) TYPE: Amino Acid
101      (D) TOPOLOGY: Linear
103   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
105 Arg Ala Glu Lys Glu
106   1           5
108 (2) INFORMATION FOR SEQ ID NO: 6:
110   (i) SEQUENCE CHARACTERISTICS:
111      (A) LENGTH: 5 amino acids
112      (B) TYPE: Amino Acid
113      (D) TOPOLOGY: Linear
115   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
117 Ala Ala Ala Ala Ala
118   1           5
120 (2) INFORMATION FOR SEQ ID NO: 7:
122   (i) SEQUENCE CHARACTERISTICS:
123      (A) LENGTH: 9 amino acids
124      (B) TYPE: Amino Acid
125      (D) TOPOLOGY: Linear
127   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
129 Glu Val His Leu Glu Ala Glu Asp Lys

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130      1          5          9
132 (2) INFORMATION FOR SEQ ID NO: 8:
134      (i) SEQUENCE CHARACTERISTICS:
135          (A) LENGTH: 9 amino acids
136          (B) TYPE: Amino Acid
137          (D) TOPOLOGY: Linear
139      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
141 Ala Val Ala Leu Ala Ala Ala Ala Ala
142      1          5          9
144 (2) INFORMATION FOR SEQ ID NO: 9:
146      (i) SEQUENCE CHARACTERISTICS:
147          (A) LENGTH: 5 amino acids
148          (B) TYPE: Amino Acid
149          (D) TOPOLOGY: Linear
151      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
153 Glu Glu Arg Ile Glu
154      1          5
156 (2) INFORMATION FOR SEQ ID NO: 10:
158      (i) SEQUENCE CHARACTERISTICS:
159          (A) LENGTH: 5 amino acids
160          (B) TYPE: Amino Acid
161          (D) TOPOLOGY: Linear
163      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
165 Ala Ala Ala Ile Ala
166      1          5
168 (2) INFORMATION FOR SEQ ID NO: 11:
170      (i) SEQUENCE CHARACTERISTICS:
171          (A) LENGTH: 6 amino acids
172          (B) TYPE: Amino Acid
173          (D) TOPOLOGY: Linear
175      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
177 Arg His Lys Ile Tyr Lys
178      1          5      6
180 (2) INFORMATION FOR SEQ ID NO: 12:
182      (i) SEQUENCE CHARACTERISTICS:
183          (A) LENGTH: 6 amino acids
184          (B) TYPE: Amino Acid
185          (D) TOPOLOGY: Linear
187      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
189 Ala Ala Ala Ile Tyr Ala
190      1          5      6
192 (2) INFORMATION FOR SEQ ID NO: 13:
194      (i) SEQUENCE CHARACTERISTICS:
195          (A) LENGTH: 6 amino acids
196          (B) TYPE: Amino Acid
197          (D) TOPOLOGY: Linear
199      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
201 His Leu Tyr Lys Trp Lys
202      1          5      6

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Input Set : N:\Crf3\RULE60\10813646.raw.txt

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204 (2) INFORMATION FOR SEQ ID NO: 14:  
 206 (i) SEQUENCE CHARACTERISTICS:  
 207 (A) LENGTH: 6 amino acids  
 208 (B) TYPE: Amino Acid  
 209 (D) TOPOLOGY: Linear  
 211 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:  
 213 Ala Leu Tyr Ala Trp Ala  
 214 1 5 6

216 (2) INFORMATION FOR SEQ ID NO: 15:  
 218 (i) SEQUENCE CHARACTERISTICS:  
 219 (A) LENGTH: 8 amino acids  
 220 (B) TYPE: Amino Acid  
 221 (D) TOPOLOGY: Linear  
 223 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:  
 225 Glu Glu Ile Lys Phe Asp Thr Glu  
 226 1 5 8

228 (2) INFORMATION FOR SEQ ID NO: 16:  
 230 (i) SEQUENCE CHARACTERISTICS:  
 231 (A) LENGTH: 8 amino acids  
 232 (B) TYPE: Amino Acid  
 233 (D) TOPOLOGY: Linear  
 235 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:  
 237 Ala Ala Ile Ala Phe Ala Thr Ala  
 238 1 5 8

240 (2) INFORMATION FOR SEQ ID NO: 17:  
 242 (i) SEQUENCE CHARACTERISTICS:  
 243 (A) LENGTH: 8 amino acids  
 244 (B) TYPE: Amino Acid  
 245 (D) TOPOLOGY: Linear  
 247 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:  
 249 Glu Arg Lys Ile Ile Glu Lys Lys  
 250 1 5 8

252 (2) INFORMATION FOR SEQ ID NO: 18:  
 254 (i) SEQUENCE CHARACTERISTICS:  
 255 (A) LENGTH: 8 amino acids  
 256 (B) TYPE: Amino Acid  
 257 (D) TOPOLOGY: Linear  
 259 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:  
 261 Ala Ala Ala Ile Ile Ala Ala Ala  
 262 1 5 8

264 (2) INFORMATION FOR SEQ ID NO: 19:  
 266 (i) SEQUENCE CHARACTERISTICS:  
 267 (A) LENGTH: 6 amino acids  
 268 (B) TYPE: Amino Acid  
 269 (D) TOPOLOGY: Linear  
 271 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:  
 273 Asp Glu Lys Leu Asn Lys  
 274 1 5 6

276 (2) INFORMATION FOR SEQ ID NO: 20:

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Input Set : N:\Crf3\RULE60\10813646.raw.txt

Output Set: N:\CRF4\09282005\J813646.raw

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278      (i) SEQUENCE CHARACTERISTICS:
279          (A) LENGTH: 6 amino acids
280          (B) TYPE: Amino Acid
281          (D) TOPOLOGY: Linear
283      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
285      Ala Ala Ala Leu Asn Ala
286      1           5       6
288  (2) INFORMATION FOR SEQ ID NO: 21:
290      (i) SEQUENCE CHARACTERISTICS:
291          (A) LENGTH: 6741 base pairs
292          (B) TYPE: Nucleic Acid
293          (C) STRANDEDNESS: Double
294          (D) TOPOLOGY: Linear
296      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
299      GAATTCGGTA ACTGGTGGGA TCTGCGGCGG CTCCCAGATG ATGGTCGTCC 50
301      TCCTGGGCGC GACGACCCTA GTGCTCGTCG CCGTGGCGCC ATGGGTGTTG 100
303      TCCGCAGCCG CAGGTGGAAA AAATCTAAAA TCTCCTCAAA AAGTAGAGGT 150
305      CGACATCATA GATGACAACT TTATCCTGAG GTGGAACAGG AGCGATGAGT 200
307      CTGTGCGGAA TGTGACTTTT TCATTCGATT ATCAAAAAAC TGGGATGGAT 250
309      AATTGGATAA AATTGTCTGG GTGTCAGAAAT ATTACTAGTA CCAAATGCAA 300
311      CTTTTCTTCA CTCAAGCTGA ATGTTTATGA AGAAATTAAA TTGCGTATAA 350
313      GAGCAGAAAA AGAAAACACT TCTTCATGGT ATGAGGTTGA CTCATTTACA 400
315      CCATTTTCGA AAGCTCAGAT TGGTCCTCCA GAAGTACATT TAGAAGCTGA 450
317      AGATAAGGCA ATAGTGATAC ACATCTCTCC TGGAACAAAA GATAGTGTTA 500
319      TGTGGGCTTT GGATGGTTTA AGCTTTACAT ATAGCTTACT TATCTGGAAA 550
321      AACTCTTCAG GTGTAGAAGA AAGGATTGAA AATATTTATT CCAGACATAA 600
323      AATTTATAAA CTCTCACCAG AGACTACTTA TTGTCTAAAA GTTAAAGCAG 650
325      CACTACTTAC GTCATGGAAA ATTGGTGTCT ATAGTCCAGT ACATTGTATA 700
327      AAGACCACAG TTGAAAATGA ACTACCTCCA CCAGAAAATA TAGAAGTCAG 750
329      TGTCCAAAAT CAGTAACATG TTCTTAAATG GGATTATACA TATGCAAACA 800
331      TGACCTTTCA AGTTACTATG CTCCACGCCT TTTTAAAAAG GAATCCTGGA 850
333      AACCATTTGT ATAAATGGAA ACAAAATACCT GACTGTGAAA ATGTCAAAAC 900
335      TACCCAGTGT GTCTTTCTCT AAAACGTTTT CCAAAAAGGA ATTTACCTTC 950
337      TCCGCGTACA AGCATCTGAT GGAAATAACA CATCTTTTTG GTCTGAAGAG 1000
339      ATAAAGTTTG ATACTGAAAT ACAAGCTTTC CTACTTCCTC CAGTCTTTAA 1050
341      CATTAGATCC CTTAGTGATT CATTCCATAT CTATATCGGT GCTCCAAAAC 1100
343      AGTCTGGAAG CACGCCTGTG ATCCAGGATT ATCCACTGAT TTATGAAATT 1150
345      ATTTTTTGGG AAAACACTTC AAATGCTGAG AGAAAAATTA TCGAGAAAAA 1200
347      AACTGATGTT ACAGTTCCTA ATTTGAAACC ACTGACTGTA TATTGTGTGA 1250
349      AAGCCAGAGC ACACACCATG GATGAAAAGC TGAATAAAAG CAGTGTTTTT 1300
351      AGTGACGCTG TATGTGAGAA AACAAAACCA GGAAATGACA AAACTCACAC 1350
353      ATGCCCACCG TGCCAGCAC CTGAACTCCT GGGGGGACCG TCAGTCTTCC 1400
355      TCTTCCCCCC AAAACCCAAG GACACCCTCA TGATCTCCCG GACCCCTGAG 1450
357      GTCACATGCG TGGTGGTGGA CGTGAGCCAC GAAGACCCTG AGGTCAAGTT 1500
359      CAACTGGTAC GTGGACGGCG TGGAGGTGCA TAATGCCAAG ACAAAGCCGC 1550
361      GGGAGGAGCA GTACAACAGC ACGTACCGAG TGGTCAGCGT CCTCACCGTC 1600
363      CTGCACCAGG ACTGGCTGAA TGGCAAGGAG TACAAGTGCA AGGTCTCCAA 1650
365      CAAAGCCCTC CCAGCCCCCA TCGAGAAAAC CATCTCCAAA GCCAAAGGGC 1700
367      AGCCCCGAGA ACCACAGGTG TACACCCTGC CCCCATCCCG GGAAGAGATG 1750

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/813,646

DATE: 09/28/2005

TIME: 07:50:59

Input Set : N:\Crf3\RULE60\10813646.raw.txt

Output Set: N:\CRF4\09282005\J813646.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:37 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1) (vii)